

**TRANSMITTAL**

Electronic Version v1.1

Stylesheet Version v1.1.0

**Title of  
Invention**

METHOD AND SYSTEM OF DYNAMICALLY CONTROLLING SHAPING  
TIME OF A PHOTON COUNTING ENERGY-SENSITIVE RADIATION  
DETECTOR TO ACCOMMODATE VARIATIONS IN INCIDENT RADIATION  
FLUX LEVELS

Application Number :

Date :

First Named Applicant: Jerome Arenson

Confirmation Number:

Attorney Docket Number: GEMS8081.221

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

| Submitted By:                             | Elec. Sign.     | Sign. Capacity |
|---|-----------------|----------------|
| Kent L. Baker<br>Registered Number: 52584 | /Kent L. Baker/ | Attorney       |

| Documents being submitted: | Files  |
|----------------------------|--|
| us-request                 | submit-usrequ.xml<br>us-request.dtd<br>us-request.xsl  |
| us-fee-sheet               | submit-usfees.xml<br>us-fee-sheet.xsl<br>us-fee-sheet.dtd  |
| application-body           | PatAppABX.xml<br>application-body.dtd<br>Image1.tif<br>Image2.tif<br>Image3.tif<br>isoamsa.ent<br>isoamsb.ent<br>isoamsc.ent<br>isoamsn.ent<br>isoamso.ent<br>isoamsr.ent<br>isobox.ent<br>isocyr1.ent<br>isocyr2.ent<br>isodia.ent<br>isogr1.ent<br>isogr2.ent<br>isogr3.ent<br>isogr4.ent<br>isolat1.ent<br>isolat2.ent<br>isomfrk.ent<br>isomopf.ent<br>isomscr.ent<br>isonum.ent<br>isopub.ent<br>isotech.ent<br>mathml2.dtd<br>mathml2-qname-1.mod<br>mmlalias.ent<br>mmlextra.ent<br>soextblx.dtd<br>us-application-body.xsl<br>wipo.ent |
| application-body-pdf-wrap  | PatAppABX-pdf-wrap.xml   |
| abstract-pdf               | PatAppABX-abst.pdf   |
| claims-pdf                 | PatAppABX-clms.pdf   |
| description-pdf            | PatAppABX-desc.pdf   |
| drawings-pdf               | PatAppABX-draw.pdf   |
| us-declaration             | Dec1.tif   |
| us-declaration             | Dec2.tif   |
| <b>Comments</b>            |  |